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[-] speed processing means [(8)] which receives and uses the data frequency signal to compute the determined rotation speed value.

2. [I] (Amended) Disc speed control device according to claim 1, wherein the
5 signal processing means comprises a data phase locked loop means [(11)] which outputs a voltage [(U-, U0, U+)] corresponding to a phase locked loop frequency [(f-, f0, f+)] of the rate at which data is read by the pick-up, and [comprising] a reference voltage source which delivers a reference voltage [(Uv)] at an input of the speed processing means.

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3. [I] (Amended) Optical disc player or recorder for [paying] playing back from or recording to a disc shaped information carrier having recorded data or to be recorded with data, along data tracks, the data being read or recorded using a pick-up [(9)], [characterized in that it comprises a disc speed control device the device] comprising:

15 [-] frequency generating means [(2)] for generating a frequency signal [having a frequency] representative of a rotation speed of the disc,

[-] disc actuating means [(1)] for rotating the disc,

20 [-] leading value output means [(4)] for generating a determined rotation speed value,

[-] speed servo means [(6)] which receives the frequency signal and the determined rotation speed value and which regulates the disc actuating means in response to the determined rotation speed value,

25 [-] signal processing means [(10)] which process an output of the pick-up when the data is being read and deliver a data frequency signal, and

[-] speed processing means (8) which receives and uses the data frequency signal to compute the determined rotation speed value.

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4. [I] (Amended) Optical disc player or recorder according to claim 3, wherein

30 the signal processing means comprises a data phase locked loop means [(11)] which outputs a voltage [(U-, U0, U+)] corresponding to a phase locked loop frequency [(f-, f0, f+)] of the rate at which data is read by the pick-up, and [comprising] a reference voltage source which delivers a reference voltage [(Uv)] at an input of the speed processing means.